



Fig. S3. A second talin1 siRNA similarly affects integrin function. (A-B) CHO K1 cells were transiently transfected with control or talin1 siRNA #2 for 48 hours, and then co-transfected for 24 hours with expression vectors for the indicated integrin subunits: WT (α IIb-5 & β 3-1AWT); YA (α IIb-5 & β 3-1AYA); Δ LWT (α IIb- Δ L & β 3-1AWT); and Δ LYA (α IIb- Δ L & β 3-1A YA). Aliquots of transfected cells were assayed for talin1 knockdown or adhered to fibrinogen for 1 hour in CCM1 to assay spreading. (A) Talin knockdown was analyzed by western blotting; shown is a representative western blot, and the average expression levels of talin1 \pm s.d. is plotted from 3 independent experiments. (B) Plotted is the average cell area \pm s.d. from the 3 independent experiments shown in A, n=150. (*) p<0.05.